

Information Guide – Sprinkler/Standpipe System Impairments

Sprinkler Systems out-of-service (IFC 901.7); Planned Impairments (IFC 901.7.4); Emergency Impairments (IFC 901.7.5)

Impairment Description	Examples	System Restoration Time	Mitigation Required	Fire Department Notification
ALL water based fire protection systems out of service; planned and/or emergency impairments	<ul style="list-style-type: none"> Pipe Burst Valve Failure Supply Failure Pump Failure Other systemic failure 	0 – 10 hours per 2008 NFPA 25 §15.5.2(3)	Inform impairment coordinator	Notify FD Dispatch per IFC § 901.6.2 as amended
		More than 10 hours	Inform impairment coordinator and institute a fire watch	Notify FD Dispatch and contact fire prevention for fire watch approval
Limited Impairment; overall functionality not reduced. A construction permit is not required by the Fire Code.	<ul style="list-style-type: none"> Damaged Heads Corroded heads Painted heads Activated Heads 	System restorable if a fire occurs	Repairs shall be completed within 24 hours per Nevada Administrative Code (NAC) 477.465.	Notify FD Dispatch per IFC § 901.6.2 as amended
Monitoring Impairment; creating a response delay	<ul style="list-style-type: none"> Routine Service Equipment Removal Service disconnected 	0 – 10 hours per 2008 NFPA 25 §15.5.2(3)	Monitoring shall continue for 30 days after customer cancellation per NAC 477.349.	<ul style="list-style-type: none"> Notify FD Dispatch per IFC § 901.6.2 as amended Notify FD in writing within 24 hours as required by 2009 IFC § 907.7.5.6 as amended.
Planned Impairment; system out-of-service Permits are required for activities such as renovations and additions to existing systems.	<ul style="list-style-type: none"> Routine Testing Maintenance Replacement of piping or valves Renovation Additions Draining a secondary water supply MIC remediation Obstruction testing Recalled Heads 	0 – 10 hours per 2008 NFPA 25 §15.5.2(3)	Inform impairment coordinator	Notify FD Dispatch per IFC § 901.6.2 as amended
		More than 10 hours	Inform impairment coordinator and institute a fire watch	Notify FD Dispatch and contact fire prevention for fire watch approval

NOTE: This guide is intended for Fire Code compliance ONLY. Other government regulations such as OSHA and insurance (Factory Mutual) demands may be more restrictive.